

Braun

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ARCHITECTURAL METALS AND SUPPLIES

A.I.A. File No. 15



"SERVICE IS OUR BEST SALESMAN
..... SINCE 1887"

Specializing in furnishing stock products in Steel, Malleable Iron, Aluminum and Architectural Bronze, including Treillage, Railing Materials, Castings, Bars, Tubing, Mouldings and Ornaments.

All materials are sold to the architectural metal trade for fabrication. No fabrication or erection is done by this Company.

J. G. Braun Company



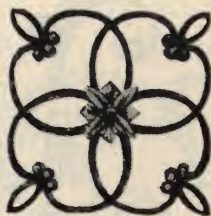
7540 McCormick Blvd., Skokie, Illinois
Chicago Phone: ROgers Park 1-4600

EST. 1887
Direct line Philadelphia to New York:
ENTERPRISE 6268

537 West 35th St., New York 1, N. Y.
Phone: BRyant 9-8528

Treillage and Railing Castings

BRAUN ornamental designs and castings are considered the finest produced. Because of their superior finish, they may be used exactly as supplied in the most discriminating job. Stocks are carried in Skokie and New York for immediate delivery.



9973
7 3/4" x 7 3/4"



9972
16" x 16"



9995
14" x 18"



9996
8 1/2" x 8 1/2"



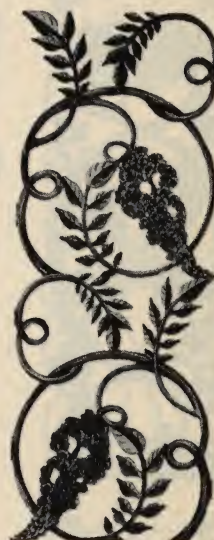
9971
20" x 7 3/4"
Baroness Design



9968 28" x 8 1/2"
AMERICAN BEAUTY DESIGN
Design Patent #185,125



9997 28" x 8 1/2"
SUNFLOWER DESIGN
Design Patent #184,707



9994
21 1/2" x 8 1/2"
Wistaria Design

NOTE:
Suggested Framework
for Treillage—
1" x 1" x .073"
(15 Gauge)
Hot Rolled Steel Tubing

Measurements Approximate

A.I.A. File No. 15

SCALE—1 1/2" = 1'-0"

BRAUN QUALITY TREILLAGE

DOUBLE FACED REVERSIBLE MALLEABLE IRON

All castings shown can also be furnished in
Architectural Bronze or Aluminum on request.

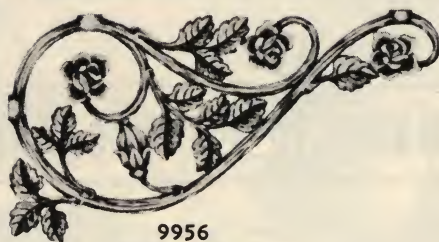
- Original in design
- The finest Quality Ornamental casting made today
- Supplied ready for installation
- No filing, grinding or fitting are necessary
- Malleable iron has greater corrosive resistance than gray or cast iron.



9904
23 1/2" x 25"



9948
19 7/8" x 19 7/8"



9956
9 1/2" x 18 1/4"



9960
14 1/4" x 18"



9998
32 1/4" x 8 1/2"
Grape Leaf Design



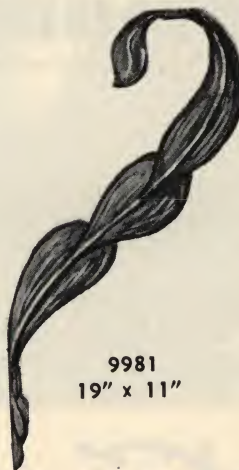
9905
8 1/2" x 8 1/2"



9949
8 1/2" x 8 1/2"



9957
8 1/4" x 8 1/4"



9981
19" x 11"



9961
8 1/2" x 8 1/2"



9919
7 1/4" x 7 1/4"



9903
31 1/4" x 8 1/2"
Grape Design



9947
31 3/4" x 8 1/2"
Acorn Design
Design Patent #D-178,760



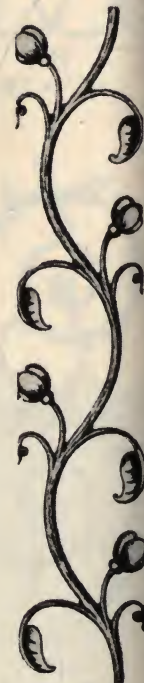
9955 32" x 8 1/4"
Rose Design



9980 32" x 8"
Modern Leaf Design
Design Patent #185,121



9959
32 1/4" x 8 1/2"
Ivy Design



9918
28" x 5 1/2"
Florette Design

SCALE—1 1/2" = 1'-0"
Measurements Approximate

J. G. Braun Company

Skokie, Ill.

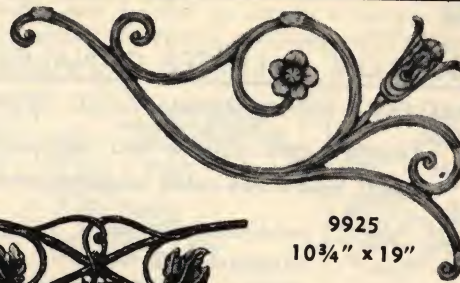
EST. 1887

New York, N. Y.

**BRAUN SUPERIOR CASTINGS
ARE THE RESULT OF —**

- HAND CARVED ORIGINAL WOOD PATTERNS—
BY SKILLED CRAFTSMEN
- CAST IN MOST MODERN EQUIPPED FOUNDRY
- PRECISION ALUMINUM PLATE PATTERNS
HAND FINISHED TO THE FINEST DETAIL

NOTE: Suggested Framework for Treillage—
1" x 1" x .073" (15 Gauge) Hot Rolled
Steel Tubing



9925
10 3/4" x 19"



9926
7 1/4" x 7 1/4"



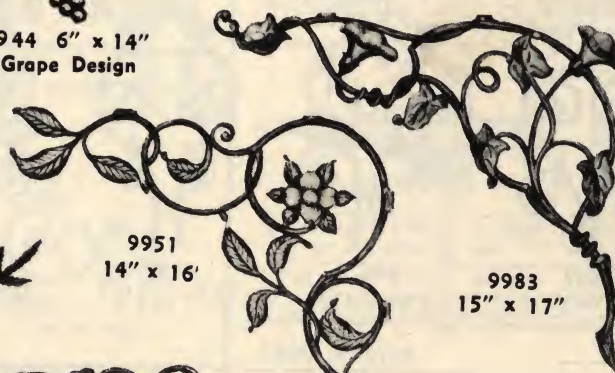
9927
7 1/4" x 7 1/2"



9944 6" x 14"
Grape Design



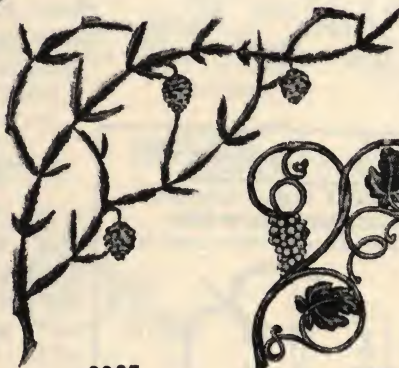
9938
14" x 22"



9951
14" x 16"



9939
9" x 9"



9987
14" x 17"



9975
10 1/4" x 13"



9952 8" x 8"



9984 8" x 8"



9924
34" x 7 1/4"
Tulip Design



9937 32" x 9"
Scroll & Leaf Design
Design Patent
#D-174,107



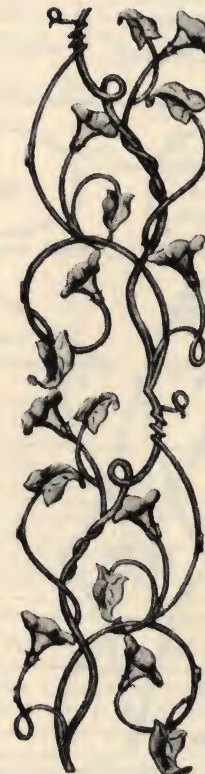
9986 32" x 8"
Spruce Design
Design Patent
#185,123



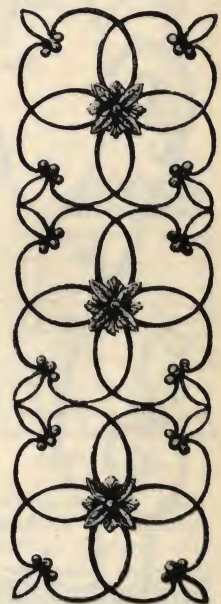
9974 32 1/4" x 8 1/2"
Light Grape Design



9950 32" x 8"
Dogwood Design
Design Patent #185,124



9982 32" x 8"
Morning Glory Design
Design Patent
#185,122



9954
23 1/4" x 7 3/4"
Rosette Design

J.G. Braun Company

Skokie, Ill.

EST. 1887

New York, N. Y.

RAILING CASTINGS

SLIP ON BALUSTER ORNAMENTS

MALLEABLE IRON — DOUBLE FACED, REVERSIBLE

Easy to apply, durable and inexpensive.
for 1/2" square bars unless otherwise specified

Measurements Approximate

SCALE — 1" = 1'-0"



9929
10 1/4" x 8 1/2"



9966
10 1/2" x 8 1/2"



9928
16" x 8 3/8"



9967
16 3/4" x 8 1/2"



9962
16 3/4" x 8 1/2"



9985
16 3/4" x 8 1/2"



9945
16 3/4" x 8 1/2"



9964
10 1/2" x 8 1/2"

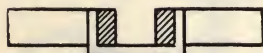


9946

For 1/2" Sq. Bars
18" x 8 1/4"

For 5/8" Sq. Bars
18" x 8 3/8"

SPECIFY 1/2" OR 5/8"
WHEN ORDERING



SECTION showing slip-on
band of Ornaments Nos.
9928, 9929, 9945, 9946,
9962, 9964, 9965, 9966
9967 and 9985

All castings are made from
precision match-plate patterns
and can be used in the most
discriminating job.

All castings shown can also
be furnished in Architectural
Bronze or Aluminum on request

RAILING ORNAMENT

MALLEABLE IRON
DOUBLE FACED, REVERSIBLE



9944

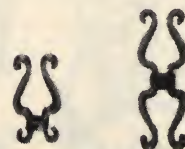
Height 6" Width 14"

QUATREFOILS

MALLEABLE IRON • ALUMINUM
ARCHITECTURAL BRONZE
Specify Material When Ordering



No. 8316 4 3/4" Diam.
No. 8317 4 1/2" Diam.
No. 8318 5 1/4" Diam.



9943

4 7/8" x 3" 8" x 3"
for 1/2" and 5/8" square bars

SPECIFY 1/2" OR 5/8"
WHEN ORDERING



SECTION showing slip-on
band of Ornaments Nos.
9942 and 9943

RAILING PANELS

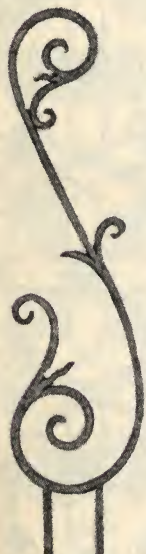
Measurements Approximate
SCALE — 1" = 1'-0"

MALLEABLE IRON — DOUBLE FACED, REVERSIBLE

NEW IMPROVED CASTINGS

Nos. 9912, 9913, 9932 and 9933 have been redesigned — the bars now are approximately 1/2" square

Furnished in Aluminum or
Arch. Bronze on Request



9933
33" x 8 1/2"



9912
24 1/2" x 10 1/2"



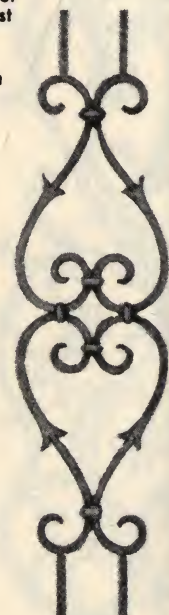
9958
28" x 11"



9963
28" x 11"



9913
24 1/2" x 10 1/2"



9932
37" x 9 1/2"

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New York, N. Y.

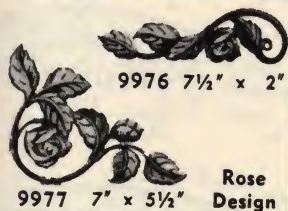
BRAUN HANDY SCROLLS

ALUMINUM and MALLEABLE IRON

Specify Material When Ordering

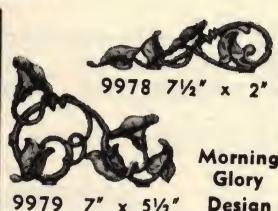
DOUBLE FACED, REVERSIBLE

These scrolls may be used for interior or exterior decorations such as: RAILINGS, GRILLS, FURNITURE, SIGNS, FIXTURES, MIRRORS, FOOTSCRAPERS, CORNERS, BORDERS, CRESTINGS, etc. Measurements Approximate



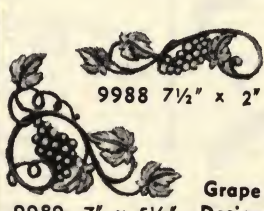
9976 7 1/2" x 2"

Rose Design



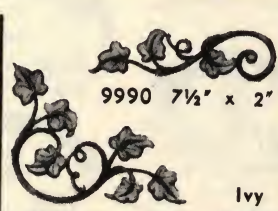
9978 7 1/2" x 2"

Morning Glory Design



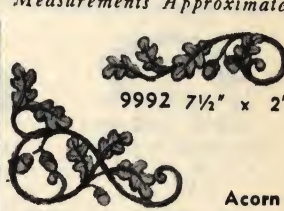
9988 7 1/2" x 2"

Grape Design



9990 7 1/2" x 2"

Ivy Design



9992 7 1/2" x 2"

Acorn Design

BRAUN HANDY SCROLLS - SINGLE FACED

COPYRIGHTED

SCALE - 1 1/2" = 1'-0" Measurements Approximate

STAMPED STEEL OR STAMPED ALUMINUM

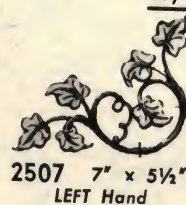
Specify Material When Ordering

No. 16 GAUGE EITHER METAL

Ivy Design

These scrolls may be used for interior or exterior decorations such as:

GRILLS, FURNITURE, SIGNS, MIRRORS, BORDERS, DOORS, CRESTINGS, FIXTURES, CORNERS FOR SCREENS, BOOKCASES, etc., etc.

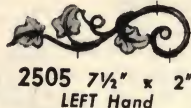


2507 7" x 5 1/2" LEFT Hand

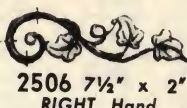


2508 7" x 5 1/2" RIGHT Hand

Rose Design



2505 7 1/2" x 2" LEFT Hand



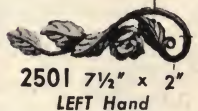
2506 7 1/2" x 2" RIGHT Hand



2503 7" x 5 1/2" LEFT hand



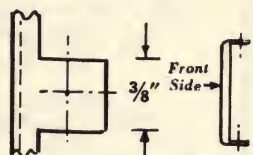
2504 7" x 5 1/2" RIGHT hand



2501 7 1/2" x 2" LEFT Hand



2502 7 1/2" x 2" RIGHT Hand



Note:

3/8" x 3/8" Tabs for Fastening with Screws or Spot Welding

PICKETS and Hinge Plate



No. 12
Malleable Iron
Pickets

No.	Length	WILL FIT
2	4 3/4"	1/2 to 3/4" O
3	5 1/2"	1/2 to 3/4" O
4	6"	1/2 to 3/4" O
6	6 1/4"	3/4 to 1 1/4" O
12	4 1/4"	1/2 to 3/4" O



No. 3

No. 2

No. 5 Hinge Plate
Mall Iron and Aluminum
7 3/4" Long
Specify Material
When Ordering

ROSETTES

STOCKED IN: Cast Iron • Aluminum • Architectural Bronze

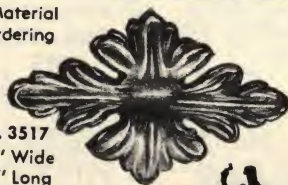
Specify Material
When Ordering



No. 2538 2" Diam.
No. 2537 2 1/2" Diam.
No. 2536 3" Diam.
No. 2535 3 1/2" Diam.



No. 8805 3" Diam.
Aluminum or Bronze only



No. 3517
2 3/4" Wide
4 1/2" Long

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Skokie, Ill.

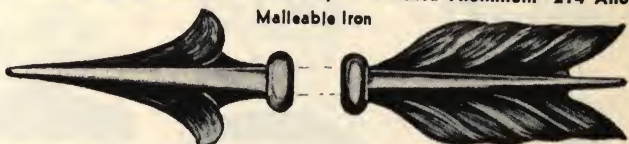
EST. 1887

New York, N. Y.

ARROWS AND FEATHERS

Specify Material
When Ordering

Polished Arch. Bronze 85 - 3/5 Alloy • Polished Aluminum 214 Alloy
Malleable Iron



FOR ROUND RODS to 1/2" DIAMETER	No. 8800 ARROW Length 4 1/2" Width 2"	No. 8801 FEATHER Length 4 1/2" Width 2"
FOR ROUND RODS to 3/4" DIAMETER	No. 8802 ARROW Length 6" Width 3"	No. 8803 FEATHER Length 6" Width 3"

1800 SERIES

MODERN DESIGN CASTINGS

STOCKED IN

Iron • Aluminum • Architectural Bronze

Specify Material When Ordering

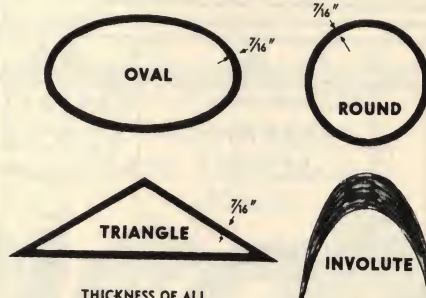
Ornaments are arranged to form a continuous design and welded to frame bars. They can be overlapped to give a three-dimensional effect

Suggested Welding Rods for Welding Cast Iron Ornaments
To Tubing - NI No. 55.

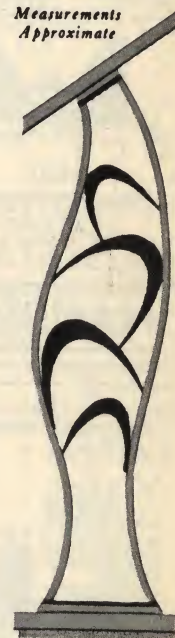
NOTE: Suggested Framework for Treillage -
1" x 1" x .073" (15 Gauge) Hot Rolled Steel Tubing

WRITE FOR: Four Page Circular "1800 TREILLAGE DESIGNS,"
OR: Two Page Circular "1800 RAILING PANEL DESIGNS," OR:
Both . . . for the Ultimate in Modern Simplicity of Design.

LARGE - MEDIUM - SMALL



THICKNESS OF ALL
ORNAMENTS 7/32"



SUGGESTED DESIGN

TYPE	LARGE No. SIZE	MEDIUM No. SIZE	SMALL No. SIZE
TRIANGLE	1800 - 17" x 4 7/8"	1801-11 1/2" x 3 5/16"	1802-7 1/2" x 2 3/16"
OVAL	1803 - 12" x 7"	1804 - 9" x 5 1/4"	1805 - 6" x 3 1/2"
ROUND	1806 - 8 1/2" O. D.	1807 - 6" O. D.	1808 - 4" O. D.
INVOLUTE	1809 - 8 1/2" x 8 1/2"	1810 - 6" x 6"	1811 - 4" x 4"

ORNAMENTAL STEEL BARS

16 Ft. Length

In these sections the wood effect is splendidly reproduced. Their uses are manifold. A few of them are suggested: For Balusters, Columns, Scrollwork, Stems of Branches, Furniture, Fixtures, etc.



Number	844	845	846	847	1602
Size	3/16"	3/8"	1/2"	5/8"	1"
Weight Per Foot	.31 lbs.	.43 lbs.	.64 lbs.	.95 lbs.	2.64 lbs.

STEEL HANDRAILS

SCALE — HALF FULL SIZE
Weights and Measurements Approx

20 Foot Lengths

Steel Channels in Stock to Fit All Handrails



1247 1.38 lbs.
TERMINALS A, B, C, D,
E, F, G, H, K, L, M,
AA, BB,



1250 1.65 lbs.
TERMINALS E,



1162 1.40 lbs.
TERMINALS M,



1161 1.24 lbs.
TERMINALS None



1248 1.52 lbs.
TERMINALS A, B, C, D,
E, F, G, H, K, L, M,
AA, BB,



1244 2.30 lbs.
TERMINALS E, F, K, H,



68 2.46 lbs.
TERMINALS A, H,



1252 1.85 lbs.
TERMINALS A, B,
E, F, G, H, K, M,
AA, BB,



1143 2.12 lbs.
TERMINALS M,



1251 3.15 lbs.
TERMINALS None



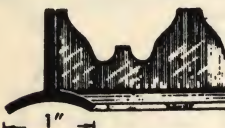
1256 2.58 lbs.
TERMINALS A, B,
E, F, G, H, K, M,



1245 1.80 lbs.
TERMINALS A, B, E, F, H,



1144 1.71 lbs.
TERMINALS None

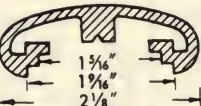


1260
Steel Loafers Rail
16 Ft. Lengths
May be applied to Flat
Bar or Pipe. Can be bent.

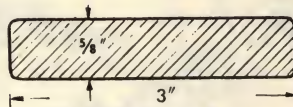
2701
Stainless Steel
TERMINALS None
Thickness No. 18 B.W.G.
20 Ft. Lengths
No. 3 Mill Finish
Easy Installation
Low Maintenance Cost
Enduring Finish

ARCH. BRONZE HANDRAILS

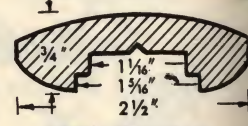
Spec.—Copper 58%, Zinc, 38 3/4%,
Lead 3 1/4% In Random 20-Foot Lengths
Measurements Approximate



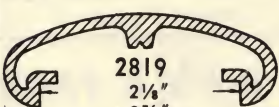
2817 TERMINALS
A, B, E, F, G, H, K,



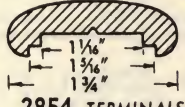
2860 TERMINALS None



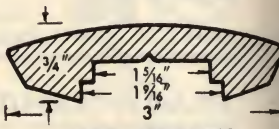
2857 TERMINALS
E, G, K,



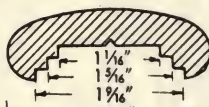
2819
TERMINALS C, D, E, F, G, H, K,



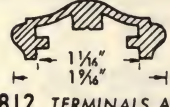
2854 TERMINALS
C, D, E, G, K, P,



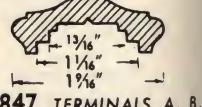
2859 TERMINALS
E, G, K,



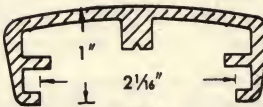
2852 TERMINALS
A, B, E, F, G, H, K,



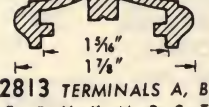
2812 TERMINALS A, B,
E, F, H, K, L, M, R, S, T,
AA, BB,



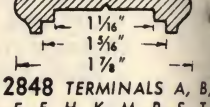
2847 TERMINALS A, B,
E, F, H, K, L, M, R, S, T,
AA, BB,



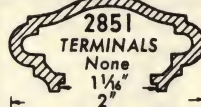
2855 TERMINALS E, G, K,



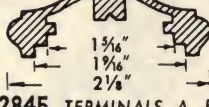
2813 TERMINALS A, B,
E, F, H, K, M, R, S, T,
AA, BB,



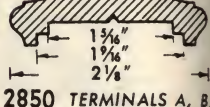
2848 TERMINALS A, B,
E, F, H, K, M, R, S, T,
AA, BB,




2851 TERMINALS
None



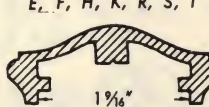
2845 TERMINALS A, B,
E, F, H, K, R, S, T



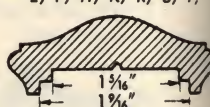
2850 TERMINALS A, B,
E, F, H, K, R, S, T,



2846 TERMINALS H,



2816 TERMINALS
A, B, E, F, H, K, P,



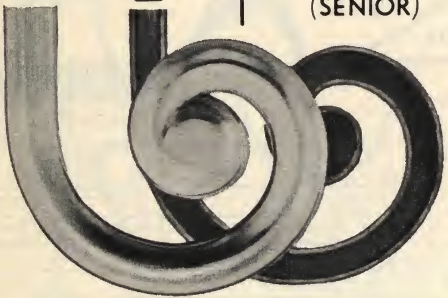





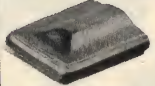

2853 TERMINALS
A, B, E, F, H, K, P,

HANDRAIL TERMINALS

All Aluminum castings No. F214 Alloy • All Bronze Castings 85 - 3/5 Alloy

Aluminum and Bronze Terminals are furnished polished — Satin Finish

All Lateral and Channel Scrolls are furnished in either RIGHT or LEFT hand. Illustrations shown are RIGHT hand. Specify LEFT or RIGHT hand when ordering

A	B	AA	BB	C	D	E	F
LATERAL SCROLL (SENIOR)	MALLEABLE CHANNEL SCROLL (SENIOR)	LATERAL SCROLL INTERMEDIATE	MALLEABLE CHANNEL SCROLL INTERMEDIATE	LATERAL SCROLL JUNIOR	CHANNEL OR BAR SCROLL JUNIOR	SQUARE TERMINAL	VERTICAL END
							
Malleable Iron For Steel Handrails 68-1245-1247 1248-1252-1256 For Aluminum Handrails 4900-4901-4904 4908-4909 For Bronze Handrails 2812-2813-2816-2817 2845-2847-2848-2850 2852-2853	Will Fit Steel Handrails 1245-1247-1248 1252-1256 Will Fit Alum. Handrails 4900-4901-4904 4908-4909 Fit Bronze Handrails 2812-2813-2816 2817-2845-2847 2848-2850-2852 2853	Malleable Iron For Steel Handrails 1247-1248 1252 For Aluminum Handrails 4901-4908 For Bronze Handrails 2812-2813 2847-2848	Will Fit Steel Handrails 1247-1248 1252 Will Fit Alum. Handrails 4901-4908 Will Fit Bronze Handrails 2812-2813 2847-2848	Malleable Iron For Steel Handrails 1247-1248 For Aluminum Handrails 4903-4905 4915 For Bronze Handrails 2819-2854	MALLEABLE BAR SCROLL Will Fit Steel Handrails 1247-1248 Aluminum CHANNEL SCROLL Will Fit Alum. Handrails 4903-4905-4915 BRONZE CHANNEL SCROLL Will Fit Bronze Handrails 2819-2854	Malleable Iron For Steel Handrails 1244-1245 1247-1248 1250-1252 1256 For Alum. Handrails 4900-4901 4903-4904 4905-4908 4909-4915 4916-4917 4919-13010 For Bronze Handrails 2812-2813 2816-2817 2819-2845 2847-2848 2850-2852 2853-2854 2855-2857 2859	Malleable Iron For Steel Handrails 1244-1245 1247-1248 1252-1256 For Aluminum Handrails 4900-4901 4904-4908 4909-4915 12729 For Bronze Handrails 2812-2813 2816-2817 2819-2845 2847-2848 2850-2852 2853

J. G. Braun Company

Skokie, Ill.

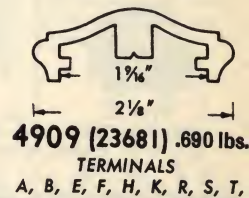
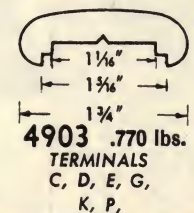
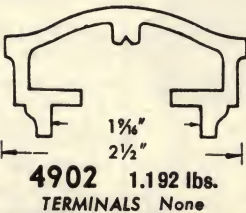
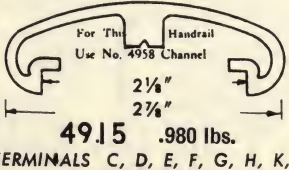
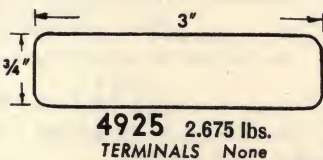
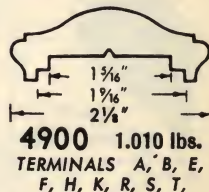
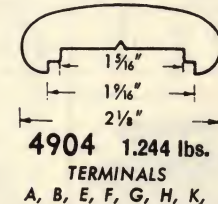
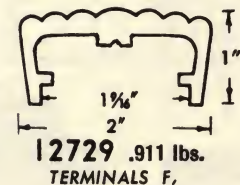
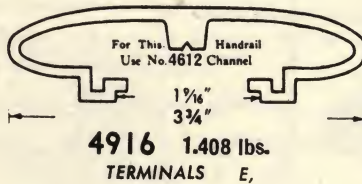
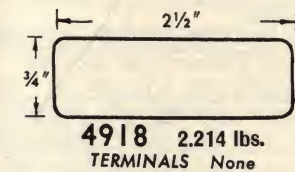
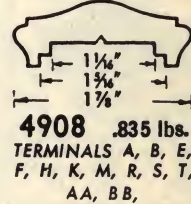
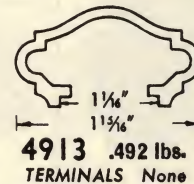
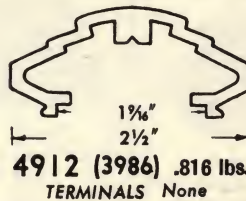
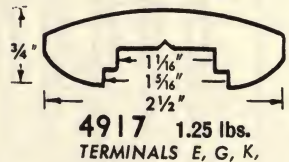
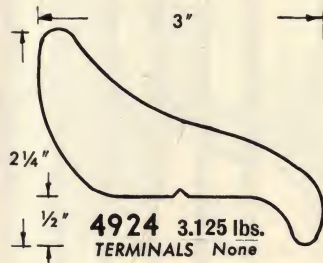
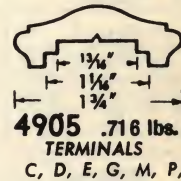
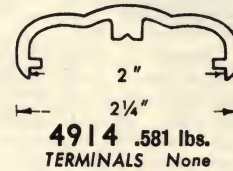
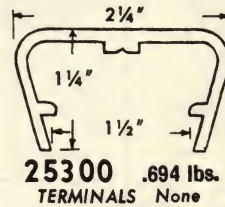
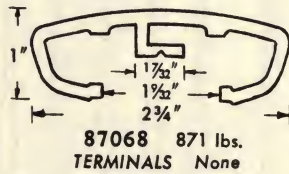
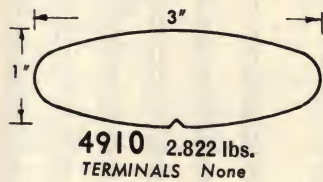
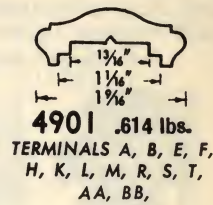
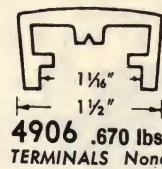
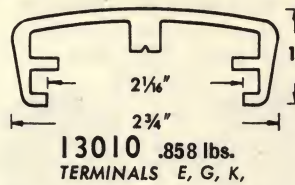
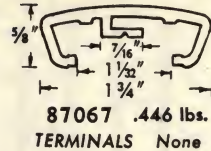
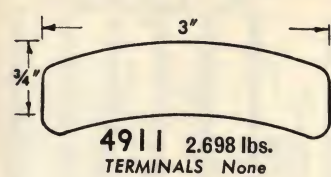
EST. 1887

New York, N. Y.

ALUMINUM HANDRAILS

20 Foot Lengths 6063-T5 Alloy and Temper Aluminum Channels in stock to fit all handrails
ALL ALUMINUM SECTIONS SHOWN ARE AVAILABLE IN ARCHITECTURAL ANODIZED FINISHES

Weights and Measurements Approximate SCALE — HALF FULL SIZE



ATTENTION ARCHITECTS, DESIGNERS, RAILING SHOPS AND FABRICATORS
NOW READY — FULL SIZE DETAIL SHEETS OF ALL J. G. BRAUN HANDRAIL TERMINALS
FOR TRACING AND LAYOUT WORK. YOUR FREE COPIES WILL BE SENT UPON REQUEST

DETAIL SHEET A - 2 - T FOR ALUMINUM HANDRAIL TERMINALS
DETAIL SHEET B - 2 - T FOR BRONZE HANDRAIL TERMINALS
DETAIL SHEET S - 2 - T FOR STEEL HANDRAIL TERMINALS

G	H	K	L	M	P	R S T
TERMINAL END	LAMBS TONGUE BEVEL	CORNER BEND	END FINIAL BASE	CENTER FINIAL BASE	LAMBS TONGUE STRAIGHT	CAPS
						
Malleable Iron For Steel Handrails 1247-1248 1252-1256 For Alum. Handrails 4903-4904 4905-4915 4917-4919 13010 For Bronze Handrails 2817-2819 2852-2854 2855-2857 2859	Malleable Iron For Steel Handrails 68-1244-1245-1247 1248-1252-1256 For Alum. Handrails 4900-4901-4904 4908-4909-4915 For Bronze Handrails 2812-2813-2816-2817 2819-2845-2846-2847 2848-2850-2852-2853	Malleable Iron For Steel Handrails 1244-1247 1248-1252 1256 For Alum. Handrails 4900-4901-4903 4904-4908-4909 4915-4917-4919 13010 For Bronze Handrails 2812-2813-2816 2817-2819-2845 2847-2848-2850 2852-2853-2854 2855-2857-2859	Malleable Iron For Steel Handrails 1247-1248 For Aluminum Handrails 4901 For Bronze Handrails 2812-2847	Malleable Iron For Steel Handrails 1143-1162 1247-1248 1249-1252 1255-1256 For Aluminum Handrails 4901-4905 4908 For Bronze Handrails 2812-2813 2847-2848	For Aluminum Handrails 4903-4905 For Bronze Handrails 2816-2853 2854	For Alum. Handrails 4900-4901-4908 4909 For Bronze Handrails 2812-2813-2845 2847-2848-2850 For Steel Handrails None Available

All J. G. Braun Co. terminals are inspected for fit and finish.

J. G. Braun Company

Skokie, Ill.

EST. 1887

New York, N. Y.

Nos. 1247 and 1248 End Finial Bases are available with 3/16" hole or without hole. Specify when ordering

ALUSTER COLLARS

Measurements Approximate

STOCKED IN
CAST IRON • MALLEABLE IRON • PRESSED STEEL • SATIN POLISHED ALUMINUM
SATIN POLISHED ARCHITECTURAL BRONZE
Specify Material When Ordering
Arch. Bronze Collars 85 — 3/5 Alloy • Aluminum Collars F214 Alloy



Type J
Cast Iron
HOLE WIDTH HEIGHT
1/2" Rd. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



Type D
Cast Iron
HOLE WIDTH HEIGHT
1/2" Rd. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



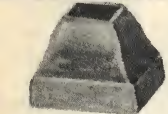
Type T
PRESSED STEEL
Hole Width Height
1/2" Sq. 1" 1 1/4"
3/4" " 1" 1 1/4"



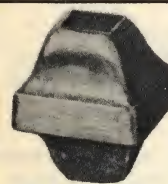
Type R
PRESSED STEEL
HOLE WIDTH HEIGHT
1/2" Sq. 1" 1 1/4"
3/4" " 1" 1 1/4"



Type U
PRESSED STEEL
FOR WOOD TREADS
HOLE WIDTH HEIGHT
1/2" Sq. 2 1/4" 3/8"
3/4" " 2 1/4" 3/8"



Type I
PRESSED STEEL
TYPE HOLE WIDTH HEIGHT
1a 1/2" Sq. 1 1/4" 1"
1b 1/2" " 1 1/4" 1"
1c 1/2" " 1 1/4" 1 1/4"
1d 1/2" " 1 1/4" 1 1/4"



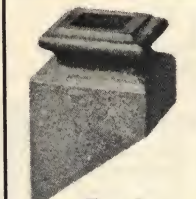
Type K
PRESSED STEEL
TYPE HOLE WIDTH HEIGHT
Ka 1/2" Sq. 1 1/4" 1 1/4"
Kb 1/2" " 1 1/4" 1 1/4"



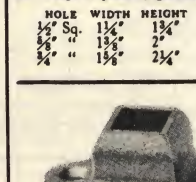
Type H
Cast Iron
HOLE WIDTH HEIGHT
1/2" Sq. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



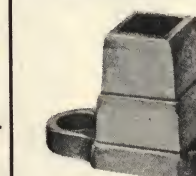
Type F
Cast Iron
HOLE WIDTH HEIGHT
1/2" Sq. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



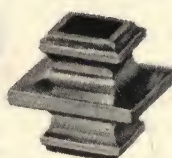
Type G
Cast Iron
Collar G cast with thin edges
for change of pitch by grinding



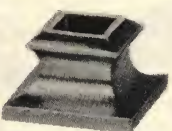
Type Y
Malleable Iron-Aluminum-Bronze
HOLE HEIGHT BASE
1/2" Sq. 3/4" 1 1/4" x 2 1/4"
3/4" " 3/4" 1 1/4" x 2 1/4"
1" " 3/4" 1 1/4" x 2 1/4"
1 1/2" " 1" 1 1/4" x 2 1/4"
2" " 1 1/4" 1 1/4" x 2 1/4"
3" " 1 1/4" 1 1/4" x 3"



Type Z
Cast Iron-Aluminum-Bronze
HOLE HEIGHT BASE
1/2" Sq. 1 1/4" 1" x 2 3/8"
3/4" Sq. 1 1/4" 1" x 2 3/8"
1" Sq. 1 1/4" 1 1/4" x 2 3/8"
1 1/2" Sq. 2" 1 1/4" x 2 3/8"
2" Sq. 2 1/4" 1 1/4" x 2 3/8"
3" Sq. 2 1/4" 1 1/4" x 3 1/2"
4" Sq. 2 1/4" 1 1/4" x 3 3/8"



Type N
Cast Iron
Aluminum-Bronze
HOLE WIDTH HEIGHT
1/2" Sq. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



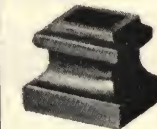
Type E
Cast Iron
Aluminum-Bronze
HOLE WIDTH HEIGHT
1/2" Sq. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



Type I
Malleable Iron
TYPE HOLE WIDTH HEIGHT
1" 1 1/4" 1 1/4" 1 1/4"
1 1/2" 1 1/4" 1 1/4" 1 1/4"
2" 1 1/4" 1 1/4" 1 1/4"



Type W
Aluminum-Bronze
HOLE WIDTH HEIGHT
1/2" Sq. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



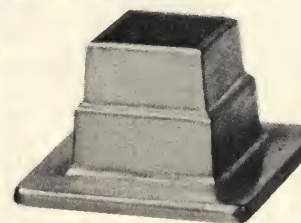
Type V
Aluminum-Bronze
HOLE WIDTH HEIGHT
1/2" Sq. 1 1/4" 1 1/4"
3/4" " 1 1/4" 1 1/4"
1" " 1 1/4" 1 1/4"



Type P
BALUSTER FLANGE
* Cast Iron
† Aluminum-Bronze
HOLE WIDTH HEIGHT
1/2" Rd. 1 1/4" 3/4"
3/4" Rd. 1 1/4" 3/4"
1" Rd. 1 1/4" 3/4"
* With Set Screw
† without holes.

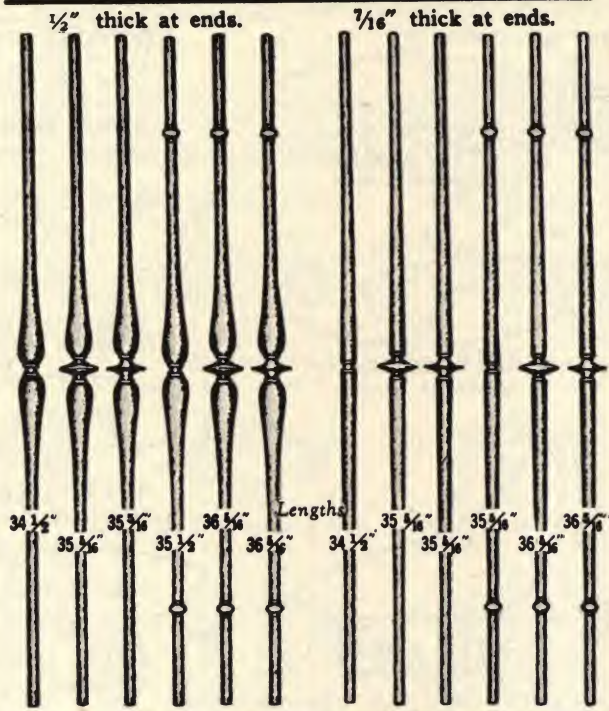


Type Q
Cast Iron
HOLE HEIGHT BASE
1/2" 3/4" 1 1/4" x 3 1/4"
1" 1 1/4" 2 1/4" x 4 1/4"



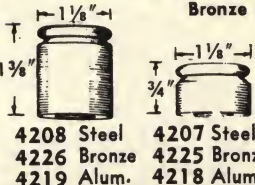
POST FLANGES No. 100
Malleable Iron-Aluminum-Bronze
Hole Width Height
#100-1" 2 3/8" 1 1/2"
#100-1 1/4" 3 3/8" 2"
#100-1 1/2" 3 3/8" 2"
#100-2" 4 3/8" 2 3/8"
#100-3" 5 3/8" 2 1/2"
† Cast Iron-Aluminum-Bronze

FORGED BALUSTER SPINDLES



ALL STEEL
4230 4231 4232 4236 4237 4238 4250 4251 4252 4256 4257 4258
STEEL SPINDLES WITH BRONZE CENTERS AND BUTTONS
4270 4271 4272 4276 4277 4278 4290 4291 4292 4296 4297 4298
STEEL SPINDLES WITH ALUMINUM CENTERS AND BUTTONS
4262 4263 4264 4265 4266 4267 4242 4243 4244 4245 4246 4247

All Spindles are made sectional allowing for variations.
Bronze and Aluminum parts highly polished.



End Studs are 6" long to allow
for cutting to desired length.

Collars Nos. 4208 4219 and 4226
may be cut to pitch when used
for closed stringers.

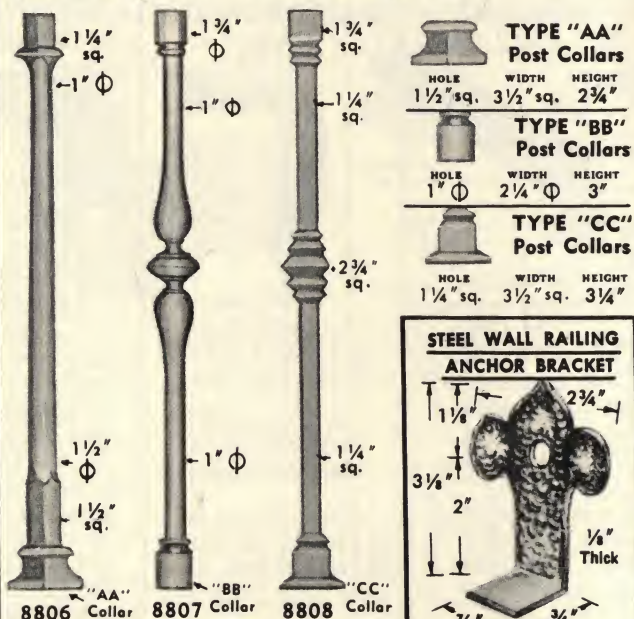
RAILING STARTING POSTS

Smooth finish or
handforged effect

ALUMINUM, CAST IRON and BRONZE
Specify Material When Ordering

Specify Finish
Desired
When Ordering

Overall Length 36" with loose base collars



NOTE:
When Ordering, Specify Numbers
and Sizes of Materials Wanted.

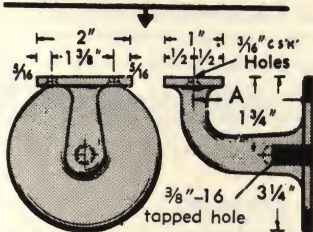
J.G. Braun Company

Measurements
Approximate

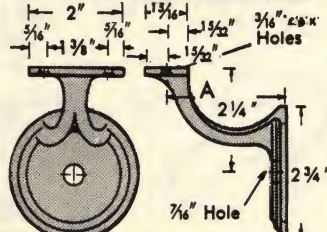
BRACKETS

POLISHED ALUMINUM F214 Alloy • POLISHED ARCHITECTURAL BRONZE 85 3/3 Alloy • MALLEABLE IRON Measurements Approximate

Flat Top for Bar or Channel — ALUM. & BRONZE BRACKETS SATIN POLISH

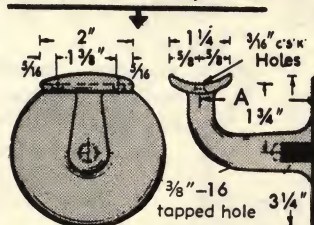


Dim. "A"	Dim. "A"	Material
No. 4587	No. 4499-3"	Aluminum
No. 4588	No. 4497-3"	Bronze
No. 4589	No. 4545-3"	Mall. Iron

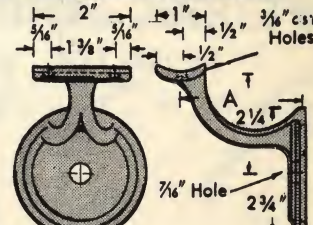


Dim. "A"	Dim. "A"	Material
No. 4580	No. 4495-3"	Aluminum
No. 4584	No. 4493-3"	Bronze
No. 4591	No. 4548-3"	Mall. Iron

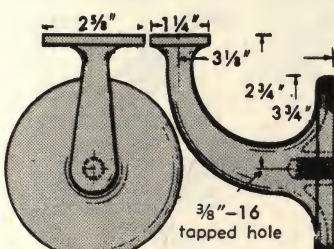
Curved Top for Pipe Rail — ALUM. & BRONZE BRACKETS SATIN POLISH



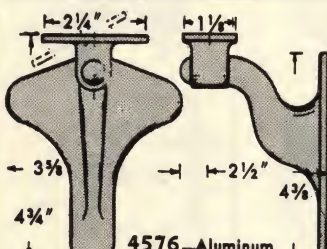
Dim. "A"	Dim. "A"	Material
No. 4593	No. 4498-3"	Aluminum
No. 4594	No. 4496-3"	Bronze
No. 4595	No. 4546-3"	Mall. Iron



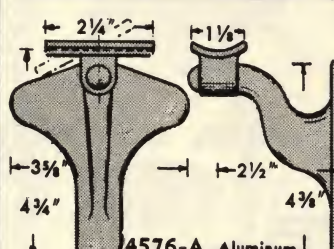
Dim. "A"	Dim. "A"	Material
No. 4579	No. 4494-3"	Aluminum
No. 4583	No. 4492-3"	Bronze
No. 4596	No. 4549-3"	Mall. Iron



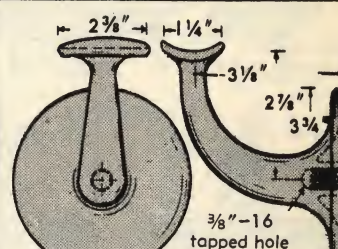
4915-B (16505).....Aluminum
4592.....Bronze



4576—Aluminum
4575—Bronze
4577—Mall. Iron

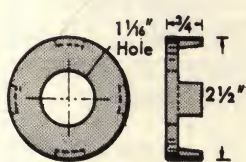


4576-A—Aluminum
4575-A—Bronze
4578—Mall. Iron

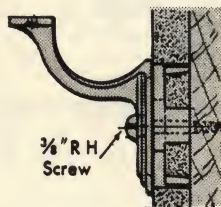


4568.....Aluminum
4569.....Bronze

WALL BRACKET FILLER

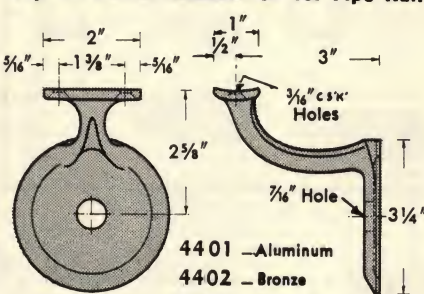


4405
CAST IRON
WALL BRACKET FILLER

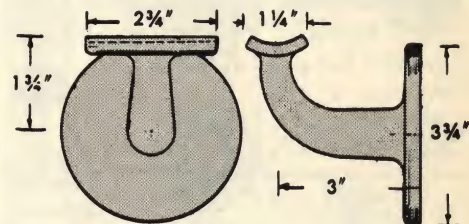


SKETCH SHOWING
FASTENING OF
WALL BRACKET
USING FILLER No. 4405

Top for Bar or Channel or for Pipe Rail



4401—Aluminum
4402—Bronze
4403—Mall. Iron



4582 ALUMINUM

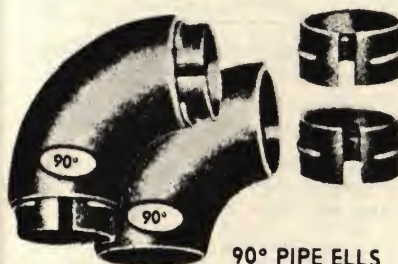
STEEL WELDING FITTINGS

for Pipe Rails — I. P. S. Sizes 1" 1 1/4" 1 1/2" 2"

Connectors are snap-in type with shoulder to hold pipe and ell in alignment, preparing connection for welding. Connectors slip easily and quickly into ell with spring fit.

PIPE CONNECTORS hold pipe and fitting connections in perfect position, ready for welding.

ALSO AVAILABLE IN ALUMINUM—BRONZE—STAINLESS

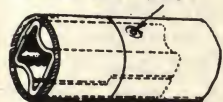


90° PIPE ELLS
and
CONNECTORS



45° PIPE ELLS
and
CONNECTORS

3/4" dia. Allen Screw



PIPE RAILING
SPLICE LOCK



Floor Flanges
Plain



Flanges
With Holes



Wall Flanges
With Set Screw

FINIALS

NEW DESIGN
MODERN FLAME

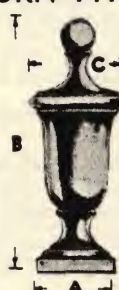


POLISHED BRONZE
No. 4554 Square Base
No. 4556 Round Base
Height 3" Base 1"
No. 4555 Square Base
No. 4559 Round Base
Height 4" Base 1 1/4"

POLISHED ALUMINUM
No. 4407 Square Base
No. 4406 Round Base
Height 3" Base 1"
No. 4409 Square Base
No. 4408 Round Base
Height 4" Base 1 1/4"

With 3/4" - 16 Tapped Hole in Base unless otherwise specified

URN TYPE



SQUARE POLISHED BRONZE	ROUND
BASE	BASE
No. 4510 1" 3"	No. 4516 1" 3"
No. 4511 1 1/4" 4"	No. 4517 1 1/4" 4"
No. 4512 1 1/2" 5"	No. 4518 1 1/2" 5"
No. 4519 1 3/4" 6"	No. 4519 1 3/4" 6"

POLISHED ALUMINUM

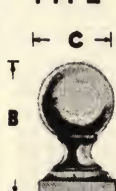
No. 4570	1"	3"	1 1/4"	No. 4597
No. 4571	1 1/4"	4"	1 1/2"	No. 4598
No. 4572	1 1/2"	5"	1 3/4"	No. 4599
No. 4573	1 3/4"	6"	2 1/4"	

STEEL

No. 4513	1"	3"	1 1/4"	No. 4533
No. 4514	1 1/4"	4"	1 1/2"	No. 4534
No. 4515	1 1/2"	5"	1 3/4"	No. 4535
* No. 4539	1 3/4"	6"	2 1/4"	

* Malleable Iron, not Tapped

BALL TYPE



SQUARE POLISHED BRONZE	ROUND
BASE	BASE
No. 4500 1" 1 1/4"	No. 4506 1" 1 1/4"
No. 4501 1 1/4" 2 1/4"	No. 4507 1 1/4" 2 1/4"
No. 4502 1 1/2" 2 1/2"	No. 4508 1 1/2" 2 1/2"
No. 4551 1 3/4" 3 1/4"	No. 4508 1 3/4" 3 1/4"

POLISHED ALUMINUM

No. 4560	1"	1 1/4"	1"	No. 4565
No. 4561	1 1/4"	2 1/4"	1 1/4"	No. 4566
No. 4562	1 1/2"	2 1/2"	1 1/2"	No. 4567
No. 4564	1 3/4"	3 1/4"	2"	

STEEL

No. 4503	1"	1 1/4"	1"	No. 4530
No. 4504	1 1/4"	2 1/4"	1 1/4"	No. 4531
No. 4505	1 1/2"	2 1/2"	1 1/2"	No. 4532
No. 4540	1 3/4"	2 3/4"	1 3/4"	

* Malleable Iron, not Tapped

J. G. Braun Company

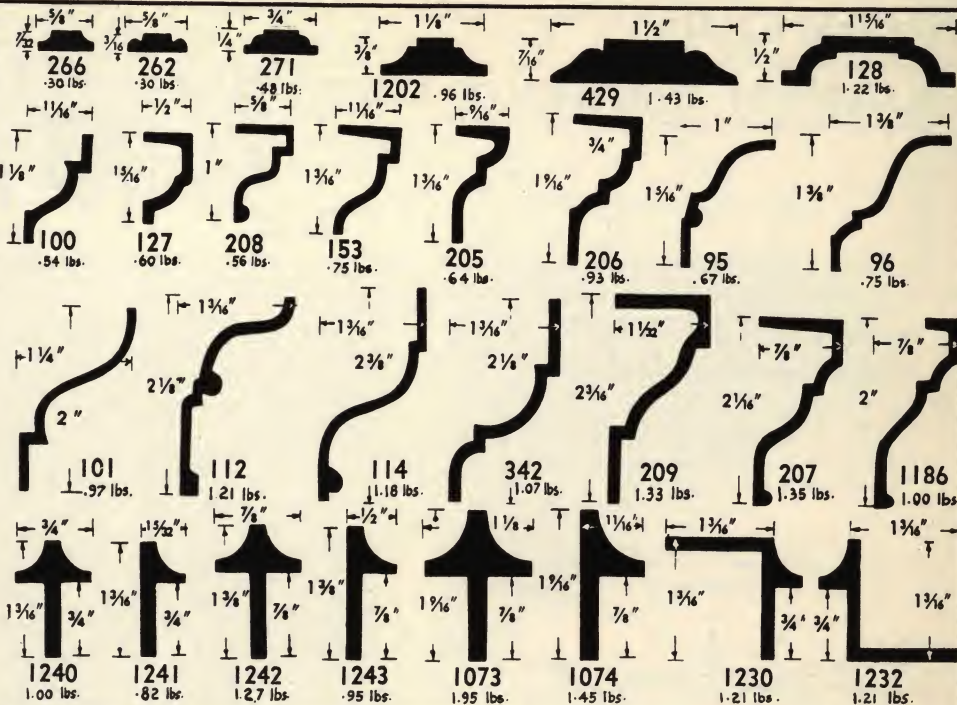
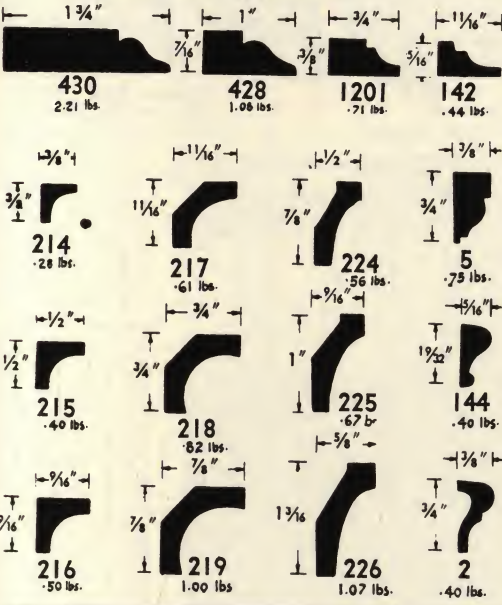
Skokie, Ill.

EST. 1887

New York, N. Y.

STEEL MOULDINGS

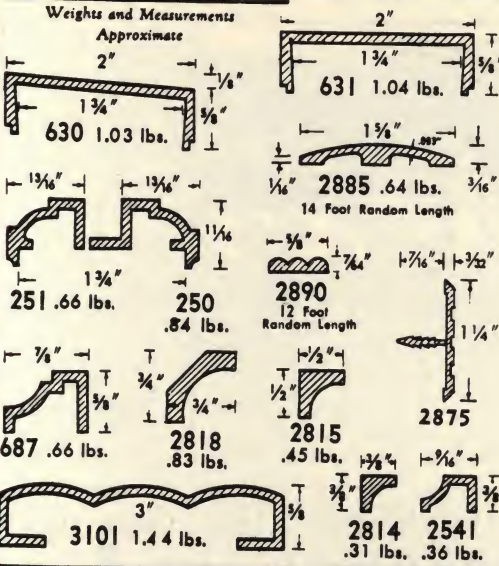
20 Foot Random Lengths SCALE — HALF FULL SIZE
Measurements Approximate



EXTRUDED ARCHITECTURAL BRONZE

MOULDINGS BARS-SHAPES

Spec.—Copper 58%
Zinc 38 3/4%, Lead 3 1/4%
16 Foot Random Lengths
unless otherwise specified
SCALE — HALF FULL SIZE



STEEL ANGLES and CHANNELS

ANGLES				CHANNELS			
Equal, Square Root				Equal, Square Root			
HOT ROLLED				HOT ROLLED			
NO.	SIZE	WEIGHT		NO.	SIZE	WEIGHT	
972	1/2" x 1/2" x 1/2"	.344		1061	1/2" x 1/2" x 5/16"	0.382	
976	3/4" x 3/4" x 3/4"	.474		1052	3/4" x 3/4" x 3/8"	0.720	
979	1" x 1" x 1"	.599		1064	1" x 1" x 1/2"	1.200	
987	1" x 1" x 1"	.787		1087	1 1/4" x 1 1/4" x 1/2"	1.477	
992	1 1/4" x 1 1/4" x 1 1/4"	.992		1155	1 1/2" x 1 1/2" x 1/2"	1.70	
1157	1 1/2" x 1 1/2" x 1 1/2"	1.225		1139	2" x 2" x 5/8"	2.888	

Unequal, Square Root		Rounded Outside corners	
CHANNELS		CHANNELS	
HOT ROLLED		Cold Rolled	
No. 1089		1" x 7/16" x 120"	
2" x 1" x 1/8"		1 1/4" x 9/16" x 1/8"	
WEIGHT 1.45		1 1/2" x 1/2" x 1/8"	

BRONZE CHANNELS

BRONZE CHANNELS UNEQUAL					BRONZE CHANNELS EQUAL				
Square Root Square Edge					Square Root Square Edge				
20 Ft. Random Lengths					16 Foot Random Lengths				
Number	A	B	C	Weight Per Foot	Number	A	B	C	Weight Per Foot
2888	3/8"	3/4"	1"	.57 lbs.	2828	1/2"	1/2"	1/2"	.45 lbs.
2820	1/2"	3/4"	1"	.68 lbs.	2822	3/4"	3/4"	1"	.90 lbs.
2821	1/2"	1"	1"	.81 lbs.	2843	1"	1"	1"	1.25 lbs.
2840	3/4"	1 1/4"	1 1/4"	.91 lbs.	2844	1 1/4"	1 1/4"	1 1/4"	1.59 lbs.
2841	1/2"	1 1/4"	1 1/4"	1.02 lbs.	2879	1 1/2"	1 1/2"	1 1/2"	1.94 lbs.
2822	3/4"	1 1/4"	1 1/4"	1.02 lbs.					
2823	3/4"	1 1/2"	1 1/2"	1.15 lbs.					
2824	3/4"	2"	2"	1.38 lbs.					

BRONZE ANGLES

BRONZE ANGLES EQUAL				
Square Root Square Edge				
16 Foot Random Lengths				
Number	A	B	C	Weight Per Foot
2830	1/2"	1/2"	1/2"	.40 lbs.
2831	3/4"	3/4"	3/4"	.52 lbs.
2832	3/4"	3/4"	1"	.63 lbs.
2833	1"	1"	1"	.87 lbs.
2834	1 1/4"	1 1/4"	1 1/4"	1.09 lbs.
2835	1 1/4"	1 1/4"	1 1/2"	1.32 lbs.
2836	2"	2"	2"	1.78 lbs.
2837	2 1/2"	2 1/2"	2 1/2"	2.26 lbs.

BRONZE TEES

BRONZE TEES				
Square Root Square Edge				
16 Foot Random Lengths				
Number	A	B	C	Weight Per Foot
2826	3/4"	3/4"	3/4"	.63 lbs.
2827	1"	1"	1"	.86 lbs.
2878	1 1/2"	1 1/2"	1 1/2"	1.32 lbs.

BRONZE ANGLES UNEQUAL

BRONZE ANGLES UNEQUAL				
Square Root Square Edge				
16 Foot Random Lengths				
Number	A	B	C	Weight Per Foot
2829	1/2"	1"	1"	.65 lbs.
2877	3/4"	1"	1"	.75 lbs.
2838	3/4"	1 1/4"	1 1/4"	.97 lbs.
2839	1"	2"	1"	1.33 lbs.

RECTANGULAR BARS

Rectangular Bars		
A	B	Weight Per Foot
1/4" x 1/4"		.135 lbs.
1/4" x 1/2"		.230 lbs.
1/4" x 3/4"		.290 lbs.
1/4" x 1"		.350 lbs.
1/4" x 1 1/4"		.480 lbs.
1/4" x 1 1/2"		.580 lbs.
1/4" x 1 3/4"		.690 lbs.
1/4" x 2"		.820 lbs.
1/4" x 2 1/2"		1.380 lbs.
3/8" x 1/2"		.345 lbs.
3/8" x 3/4"		.518 lbs.
3/8" x 1"		.691 lbs.
3/8" x 1 1/4"		.860 lbs.
3/8" x 1 1/2"		1.036 lbs.
3/8" x 2"		1.382 lbs.
3/8" x 2 1/2"		1.727 lbs.
3/8" x 3"		2.075 lbs.
1/2" x 1/2"		.461 lbs.
1/2" x 3/4"		.580 lbs.
1/2" x 1"		.690 lbs.
1/2" x 1 1/4"		.920 lbs.
1/2" x 1 1/2"		1.150 lbs.

ROUND RODS

Round Rods		
Size	Weight Per Foot	
3/16"	.407 lbs.	
1/8"	.723 lbs.	
3/16"	1.130 lbs.	
1/4"	1.828 lbs.	
5/16"	2.883 lbs.	
3/8"	4.521 lbs.	

BRASS TUBING

Spec.—Copper 88%, Zinc 15% (Matches color of Extruded Bronze)

RICH LOW BRASS

SQUARE TUBING					RECTANGULAR TUBING				
Sharp Corners					Sharp Corners				
16 Foot Lengths.					16 Foot Lengths.				
A	B	C	Weight Per Foot		A	B	C	Weight Per Foot	
1/4"	1/4"	.065"	.417 lbs.		1/4"	1"	.065"	.670 lbs.	
3/8"	3/8"	.065"	.643 lbs.		3/8"	1 1/2"	.065"	1.036 lbs.	
1/2"	1/2"	.065"	.870 lbs.		1"	1 1/2"	.065"	1.47 lbs.	
3/4"	3/4"	.065"	.819 lbs.		1"	2"	.065"	1.78 lbs.	
1 1/4"	1 1/4"	.065"	1.480 lbs.		1 1/4"	2 1/2"	.065"	2.25 lbs.	
1 1/2"	1 1/2"	.065"	1.780 lbs.		1 1/2"	3"	.065"	2.70 lbs.	
1 3/4"	1 3/4"	.065"	2.090 lbs.		1 3/4"	3 1/2"	.065"	3.16 lbs.	
2"	2"	.065"	2.410 lbs.		1 3/4"	4"	.065"	3.46 lbs.	
3"	3"	.065"	3.667 lbs.		1 3/4"	5"	.065"	4.07 lbs.	
					2"	3"	.065"	3.05 lbs.	

Rich Low Brass HANDRAIL PIPE

Rich Low Brass HANDRAIL PIPE				
Spec.—Copper 88% Zinc 15% (Matches color of Extruded Bronze)				
I.P.S. Mill Finish	O.D.	WALL	Weight Per Foot	
1 1/4"	1.66"	.146"	2.63 lbs.	
1 1/2"	1.90"	.150"	3.13 lbs.	

MUNTZ METAL SHEETS

COLD ROLLED			Matches color of Extruded Bronze	
B. & E. Gauge or Inch Thickness	Size of Sheet	Total Weight Per Sheet — Lbs.		
26 Gauge	24" x 48"	6 lbs.		
24 Gauge	"	7 lbs.		
22 Gauge	"	9 lbs.		
20 Gauge	"	11 lbs.		
18 Gauge	"	22 lbs.		
3/16"	"	33 lbs.		
1/8"	"	44 lbs.		
3/16"	"	66 lbs.		
1/4"	"	88 lbs.		
5/16"	"	131 lbs.		
3/8"	"	35 lbs.		
1/2"	"	103 lbs.		
20 Gauge	30" x 96"	28 lbs.		
14 Gauge	"	56 lbs.		
1/2"	"	110 lbs.		
20 Gauge	36" x 96"	34 lbs.		
16 Gauge	"	53 lbs.		
14 Gauge	"	67 lbs.		
12 Gauge	"	85 lbs.		
1/2"	"	131 lbs.		
16 Gauge	36" x 120"	67 lbs.		

J.G. Braun Company

Skokie, Ill. EST. 1887 New York, N. Y.

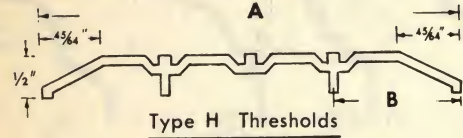
THRESHOLDS Can be furnished in cut to size lengths, drilled and countersunk.

ALUMINUM THRESHOLDS

ALL ALUMINUM SECTIONS SHOWN ARE AVAILABLE IN ARCHITECTURAL ANODIZED FINISHES.

6063-T5 Alloy and Temper
16 Ft.-3 In. Length

Weights and Measurements
Approximate

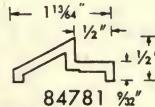


Type H Thresholds

suitable for floor mounted door checks

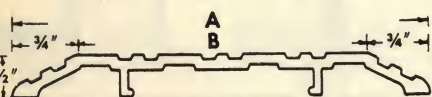
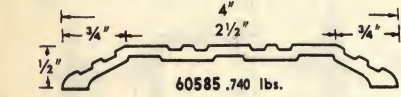
SECTION NUMBER	DIMENSIONS—INCHES		EST WT PER FT, LBS
	A	B	
*84782	4	2.000	.630
84783	5	1.450	.804
84784	6	2.000	.988
84785	7	2.293	1.127

* Single Leg in Center



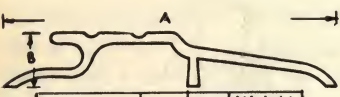
84781 1/2 inch Miter strip

for Type H thresholds

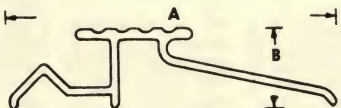


Number	A	B	Grooves	Weight per foot
60586	5"	3 1/2"	10	1.014 lbs.
60587	6"	4 1/2"	12	1.183 lbs.
60588	7"	5 1/2"	14	1.352 lbs.

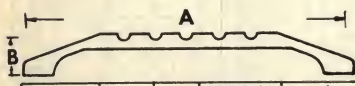
Number	A	B	Weight per foot
10346	1 1/4"	1 7/8"	.180 lb.
P3796	1 3/8"	1 1/4"	.184 lb.
38653	1 3/8"	1 7/8"	.194 lb.
10347	1 1/2"	1 7/8"	.232 lb.
38654	1 5/8"	1 7/4"	.224 lb.



Number	A	B	Weight per foot
4805 or 10353	3 1/2"	9/16"	.595 lb.
P3704	3 1/2"	9/16"	.577 lb.
38649	4 1/4"	9/16"	.689 lb.
P3798	4 1/4"	5/8"	.701 lb.



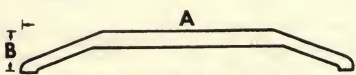
Number	A	B	Weight per foot
5192	3 1/2"	7/8"	.649 lb.
20999	3 1/2"	7/8"	.661 lb.
38658	4 1/4"	7/8"	.760 lb.



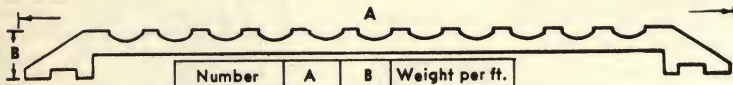
Number	A	B	Weight per foot	Number	Grooves
P3650	3"	1/2"	.658 lb.	5	
38651	3"	1/2"	.721 lb.	3	
4704	4"	5/8"	.963 lb.	5	
P3651	4"	1/2"	.787 lb.	5	
19047	4"	1/2"	.829 lb.	5	
4705	5"	5/8"	1.147 lb.	6	
P3662	5"	1/2"	1.002 lb.	5	
19048	5"	1/2"	1.102 lb.	6	
4706	6"	5/8"	1.291 lb.	7	
P3663	6"	1/2"	1.189 lb.	5	
19049	6"	1/2"	1.226 lb.	7	
26638	7"	1/2"	1.777 lb.	9	

4708 for Thresholds
Weather Strip Section
16-Foot Random Length

5192 20999 38658
4805 10353 P3704
38649 P3798



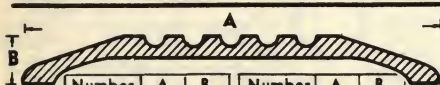
Number	A	B	Weight per ft.
4802	2 1/2"	1/4"	.402 lb.
4803 or 10351	3"	1/4"	.476 lb.
4804 or 10352	4 5/8"	1/2"	.894 lb.



Number	A	B	Weight per ft.
4807 or 7032	7 1/2"	1/2"	1.798 lb.
7883	7 1/2"	1/2"	1.769 lb.

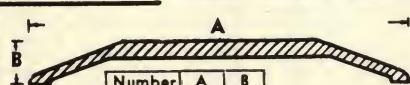
ARCHITECTURAL BRONZE THRESHOLDS

Spec.—Copper 58%, Zinc 38 3/4%, Lead 3 1/4%

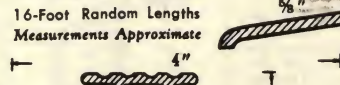


Number	A	B	Number	A	B
2883	3"	5/16"	2805	5"	1/2"
2804	4"	1/2"	2806	6"	1/2"
2804 1/2	4 1/2"	1/2"	* 2807	7"	5/8"

* 20 Ft. Length

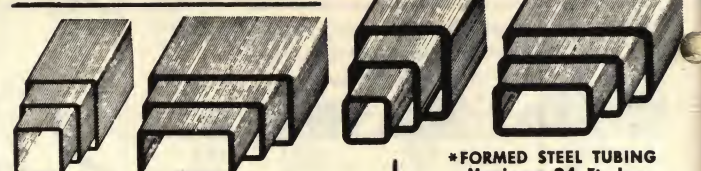


Number	A	B
2880	2 1/2"	1/4"
2881	3"	1/4"
2882	4"	1/2"



Weather Strip Section for 2809 and 2892

STEEL TUBING



MECHANICAL STEEL TUBING
Electrically Welded
HOT ROLLED PICKLED AND OILED
20 Ft. Lengths

Square			Rectangular		
3/8"	x 3/8"	x 18	1 1/4"	x 1 1/4"	x 16
1/2"	x 1/2"	x 16	1 1/4"	x 1 1/4"	x 14
5/8"	x 5/8"	x 16	1 1/2"	x 1 1/2"	x 16
3/4"	x 3/4"	x 16	1 1/2"	x 1 1/2"	x 14
7/8"	x 7/8"	x 16	1 3/4"	x 1 3/4"	x 14
1"	x 1"	x 16	2"	x 2"	x 14
1 1/8"	x 1 1/8"	x 12	2 1/2"	x 2 1/2"	x 14
1 1/4"	x 1 1/4"	x 11	3"	x 3"	x 14
Rectangular			Rectangular		
3/8"	x 1"	x 16	1 1/4"	x 2"	x 14
1/2"	x 1"	x 16	1 1/4"	x 2 1/2"	x 14
5/8"	x 1"	x 14	1 1/4"	x 3 1/2"	x 14
1/2"	x 1 1/2"	x 16	1 1/2"	x 2"	x 14
3/4"	x 1 1/2"	x 16	1 1/2"	x 2 1/2"	x 14
1"	x 1 1/2"	x 14	1 1/2"	x 3"	x 14
1 1/8"	x 2"	x 14	1 1/2"	x 3 1/2"	x 16
1"	x 2 1/2"	x 14	1 1/2"	x 3 1/2"	x 14
1 1/8"	x 3"	x 14	2"	x 4"	x 14
1 1/4"	x 3 1/2"	x 14	2"	x 4"	x 14

STEEL TUBING — Heavy Wall
HOT ROLLED PICKLED AND OILED
20' to 24' RANDOM LENGTHS

Square			Rectangular		
1 1/2"	x 1 1/2"	x .1073" .15Ga	1 1/2"	x 2 1/2"	x .145"
1"	x 1"	x .120"	2"	x 3"	x .180"
1 1/4"	x 1 1/4"	x .135"	2"	x 4"	x .180"
1 1/2"	x 1 1/2"	x .140"	3"	x 4"	x .180"
2"	x 2"	x .145"	2"	x 5"	x .180"
2 1/2"	x 2 1/2"	x .188"	3"	x 5"	x .180"
3"	x 3"	x .180"	3"	x 6"	x .180"
3 1/2"	x 3 1/2"	x .180"	4"	x 6"	x .180"
4"	x 4"	x .180"			
4 1/2"	x 4 1/2"	x .250"			

+ Hot Rolled Only

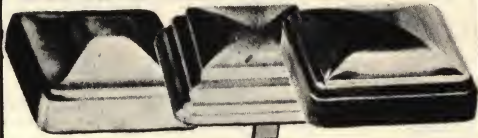
*FORMED STEEL TUBING
Maximum 24 Ft. Len.
Special Sizes on Request

Square			Rectangular		
2 1/2"	x 2 1/2"	x 3/4"	5"	x 5"	x 3/4"
3"	x 3"	x 3/4"	6"	x 6"	x 3/4"
3 1/2"	x 3 1/2"	x 3/4"	6"	x 6"	x 1/4"
4"	x 4"	x 3/4"	6"	x 6"	x 3/4"
4 1/2"	x 4 1/2"	x 3/4"	7"	x 7"	x 3/4"
5"	x 5"	x 3/4"	7"	x 7"	x 3/4"
5 1/2"	x 5 1/2"	x 3/4"	8"	x 8"	x 3/4"
6"	x 6"	x 3/4"	8"	x 8"	x 3/4"
6 1/2"	x 6 1/2"	x 3/4"	8"	x 8"	x 3/4"
7"	x 7"	x 3/4"	8"	x 8"	x 3/4"
7 1/2"	x 7 1/2"	x 3/4"	8"	x 8"	x 3/4"
8"	x 8"	x 3/4"	8"	x 8"	x 3/4"
8 1/2"	x 8 1/2"	x 3/4"	8"	x 8"	x 3/4"
9"	x 9"	x 3/4"	8"	x 8"	x 3/4"
9 1/2"	x 9 1/2"	x 3/4"	8"	x 8"	x 3/4"
10"	x 10"	x 3/4"	8"	x 8"	x 3/4"
10 1/2"	x 10 1/2"	x 3/4"	8"	x 8"	x 3/4"
11"	x 11"	x 3/4"	8"	x 8"	x 3/4"
11 1/2"	x 11 1/2"	x 3/4"	8"	x 8"	x 3/4"
12"	x 12"	x 3/4"	8"	x 8"	x 3/4"
12 1/2"	x 12 1/2"	x 3/4"	8"	x 8"	x 3/4"
13"	x 13"	x 3/4"	8"	x 8"	x 3/4"
13 1/2"	x 13 1/2"	x 3/4"	8"	x 8"	x 3/4"
14"	x 14"	x 3/4"	8"	x 8"	x 3/4"
14 1/2"	x 14 1/2"	x 3/4"	8"	x 8"	x 3/4"
15"	x 15"	x 3/4"	8"	x 8"	x 3/4"
15 1/2"	x 15 1/2"	x 3/4"	8"	x 8"	x 3/4"
16"	x 16"	x 3/4"	8"	x 8"	x 3/4"
16 1/2"	x 16 1/2"	x 3/4"	8"	x 8"	x 3/4"
17"	x 17"	x 3/4"	8"	x 8"	x 3/4"
17 1/2"	x 17 1/2"	x 3/4"	8"	x 8"	x 3/4"
18"	x 18"	x 3/4"	8"	x 8"	x 3/4"
18 1/2"	x 18 1/2"	x 3/4"	8"	x 8"	x 3/4"
19"	x 19"	x 3/4"	8"	x 8"	x 3/4"
19 1/2"	x 19 1/2"	x 3/4"	8"	x 8"	x 3/4"
20"	x 20"	x 3/4"	8"	x 8"	x 3/4"
20 1/2"	x 20 1/2"	x 3/4"	8"	x 8"	x 3/4"
21"	x 21"	x 3/4"	8"	x 8"	x 3/4"
21 1/2"	x 21 1/2"	x 3/4"	8"	x 8"	x 3/4"
22"	x 22"	x 3/4"	8"	x 8"	x 3/4"
22 1/2"	x 22 1/2"	x 3/4"	8"	x 8"	x 3/4"
23"	x 23"	x 3/4"	8"	x 8"	x 3/4"
23 1/2"	x 23 1/2"	x 3/4"	8"	x 8"	x 3/4"
24"	x 24"	x 3/4"	8"	x 8"	x 3/4"

Special Tubing
for Box Stringers on Stairs
10" x 2" x 3/16"
12" x 2" x 3/16"

* This material is formed from hot rolled steel plate, fully welded with the seams ground smooth and can be furnished in 2 foot to 24 foot lengths or cut to size up to 24 feet at no extra cost.

POST CAPS



TYPE A TYPE B TYPE C
TYPE A

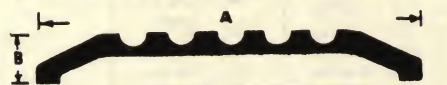
POLISHED ALUMINUM AND POLISHED BRONZE

Square			Rectangular		
1"	x 1"	2 1/2"	x 2 1/2"	2"	x 3"
1 1/4"	x 1 1/4"	3"	x 3"	2"	x 4"
1 1/2"	x 1 1/2"	3 1/2"	x 3 1/2"	3"	x 4"
2"	x 2"	4"	x 4"	3"	x 5"
		4 1/2"	x 4 1/2"	3"	x 6"
		5"	x 5"	4"	x 6"
		5 1/2"	x 5 1/2"	4"	x 7 1/2"
		6"	x 6"	4"	x 8"

* When ordering 2", 3" & 4" Square Alum. & Brze. Caps Specify "Round Inside" or "Square Inside" Corners

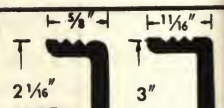
STEEL THRESHOLDS and NOSINGS

20 Foot Random Lengths Measurements Approximate



Number	A	B	Number	A	B
1199	3"	1/2"	1166	5 1/2"	5/16"
1200	4"	1/2"	1215	7"	5/8"

#1167 Available in Arch. Bronze #2810



7540 McCormick Blvd.
Skokie, Illinois
Chicago Phone: ROgers Park 1-4600

J.G. Braun Company

Direct line Philadelphia to New York: ENTERPRISE 6268

537 West 35th St.
New York 1, N. Y
Phone: BRyant 9-8528

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